

ATTORNEY'S-DOCKET NO.
TH1276 (US)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled SYNTHESIS OF ALIPHATIC 1,3-DIOLS UTILIZING REDUCED LIGAND CONCENTRATION AND WATER EXTRACTION the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 27 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

Priority
Not Claimed

APPLICATION NUMBER	COUNTRY	DAY/MONTH/YEAR FILED
APPLICATION NUMBER	COUNTRY	DAY/MONTH/YEAR FILED

☐
☐

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

APPLICATION SERIAL NO. 60/356,601	FILING DATE February 13, 2002
APPLICATION SERIAL NO.	FILING DATE

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

APPLICATION SERIAL NO.	FILING DATE	STATUS-PATENTED, PENDING, ABANDONED
APPLICATION SERIAL NO.	FILING DATE	STATUS-PATENTED, PENDING, ABANDONED

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

NAME Donald F. Haas	ATTORNEY/AGENT Attorney	REGISTRATION NUMBER 26,177	TELEPHONE NUMBER 713-241-3356
NAME Richard F. Lemuth	ATTORNEY/AGENT Attorney	REGISTRATION NUMBER 30,081	TELEPHONE NUMBER 713-241-3716

Revised June 1995

SEND CORRESPONDENCE TO:

(NAME) **Donald F. Haas**
c/o Shell Oil Company
Intellectual Property
P.O. Box 2463
Houston, TX 77252-2463

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name)	
Joseph Broun Powell	
INVENTOR'S SIGNATURE <i>Joseph Broun Powell</i>	DATE SIGNED 1/13/03
RESIDENCE 10506 Normont Drive, Houston, Texas 77070	CITIZENSHIP United States
POST OFFICE ADDRESS 10506 Normont Drive, Houston, Texas 77070	

FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name)	
Paul Richard Weider	
SECOND INVENTOR'S SIGNATURE <i>Paul Richard Weider</i>	DATE SIGNED 1/16/03
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POST OFFICE ADDRESS 15014 Tramore, Houston, Texas 77083	

FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name)	
John Frederick Knifton	
THIRD INVENTOR'S SIGNATURE <i>John Frederick Knifton</i>	DATE SIGNED 1/27/03
RESIDENCE 14855 Memorial Drive Apt. 2501, Houston, Texas 77079	CITIZENSHIP United States
POST OFFICE ADDRESS 14855 Memorial Drive Apt. 2501, Houston, Texas 77079	

FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name)	
Kevin Dale Allen	
FOURTH INVENTOR'S SIGNATURE <i>Kevin Dale Allen</i>	DATE SIGNED 1/23/03
RESIDENCE 37225 South Lakeshore Avenue, Prairieville, Louisiana 70769	CITIZENSHIP United States
POST OFFICE ADDRESS 37225 South Lakeshore Avenue, Prairieville, Louisiana 70769	

FULL NAME OF FIFTH JOINT INVENTOR, IF ANY (given name, family name)	
Lynn Henry Slauch	
FIFTH INVENTOR'S SIGNATURE <i>Lynn Henry Slauch</i>	DATE SIGNED 1/28/03
RESIDENCE 13415 COPELAND OAKS BLVD., CYPRESS, TEXAS 77429	CITIZENSHIP United States
POST OFFICE ADDRESS 11911 Cypresswood Drive, Houston, Texas 77070	

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FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name) Juan Pedro Arhancet	
INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE 20667 Castle Bend Drive, Katy, Texas 77469	CITIZENSHIP Uruguay
POST OFFICE ADDRESS 20667 Castle Bend Drive, Katy, Texas 77469	

FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name)	
SECOND INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name)	
THIRD INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name)	
FOURTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF FIFTH JOINT INVENTOR, IF ANY (given name, family name)	
FIFTH INVENTOR'S SIGNATURE	DATE SIGNED
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FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name) Joseph Broun Powell	
INVENTOR'S SIGNATURE	DATE SIGNED
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POST OFFICE ADDRESS 10506 Normont Drive, Houston, Texas 77070	

FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name) Paul Richard Weider	
SECOND INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE 15014 Tramore, Houston, Texas 77083	CITIZENSHIP United States
POST OFFICE ADDRESS 15014 Tramore, Houston, Texas 77083	

FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name) John Frederick Knifton	
THIRD INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE 14855 Memorial Drive Apt. 2501, Houston, Texas 77079	CITIZENSHIP United States
POST OFFICE ADDRESS 14855 Memorial Drive Apt. 2501, Houston, Texas 77079	


FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name) Kevin Dale Allen	
FOURTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE 37225 South Lakeshore Avenue, Prairieville, Louisiana 70769	CITIZENSHIP United States
POST OFFICE ADDRESS 37225 South Lakeshore Avenue, Prairieville, Louisiana 70769	

FULL NAME OF FIFTH JOINT INVENTOR, IF ANY (given name, family name) Lynn Henry Slauch	
FIFTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE 11911 Cypresswood Drive, Houston, Texas 77070	CITIZENSHIP United States
POST OFFICE ADDRESS 11911 Cypresswood Drive, Houston, Texas 77070	

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FULL NAME OF SOLE OR FIRST INVENTOR (given name, family name)	
Juan Pedro Arhancet	1/31/03
INVENTOR'S SIGNATURE 	DATE SIGNED
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POST OFFICE ADDRESS	UNITED STATES
4 Country Fair Lane, Creve Coeur, Missouri 63141	

FULL NAME OF SECOND JOINT INVENTOR, IF ANY (given name, family name)	
SECOND INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF THIRD JOINT INVENTOR, IF ANY (given name, family name)	
THIRD INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF FOURTH JOINT INVENTOR, IF ANY (given name, family name)	
FOURTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	

FULL NAME OF FIFTH JOINT INVENTOR, IF ANY (given name, family name)	
FIFTH INVENTOR'S SIGNATURE	DATE SIGNED
RESIDENCE	CITIZENSHIP
POST OFFICE ADDRESS	